

# AIR COOLED CHILLER CHI21-104



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Air cooled chiller absorb heat from process water, and the heat is then transferred to the air around the chiller unit. Air cooled chiller require less maintenance.

Used in Laboratory, Pharmaceutical, Chemical, Laser.

Also known as Laboratory Air Cooled Chiller.

## CHI21-104 AIR COOLED CHILLER

It adopts single-stage vapor compression circuit and has compressor overload protection, pump overload protection, reverse phase and lack of phase warning, anti-icing protection, high and low pressure protection and other devices.

The machine has stable performance and long life.

It can cool down quickly, and the temperature is stable to meet customer requirements.

This series of products mainly work on the principle of cold and heat exchange.

It is suitable for the cooling field in modern industry and is not affected by the ambient temperature.

It is an indispensable configuration device.



## SPECIFICATIONS

Model	CHI21-104
Freezing capacity	
kw	104 kw
kcal/h	110596 kcal/h
btu/h	354848 btu/h
Compressor	
Output power	30 kw
hp	20x2 hp
Weight	34 kg
Refrigerant	
Control mode	Thermostatic expansion valve
Type	R22 ( R407C optional )
Evaporator(Type)	Tube-in-shell
Condenser(Air Chiller)	
Fan power	1.1x3
Type	High effective inner threaded copper finned + low noise fan
Water tank capacity	320 L
Pump	
Type	Stainless steel centrifugal pump
Power kw	3.75 kw
Flow rate	367 l/min
Working pressure	3 bar
Chilled wateroutlet	3 inch
Pipe coupling	

Chilled water inlet	3 inch
Water tank drainage port	1 inch
Dimension(LXWXH) mm	3360x1280x1950 mm
Weight	1360 kg
Power	3 ph-380 V/50 Hz (220 V/400 V/415 V/440 V 50 Hz/60 Hz)
Temperature	5-35 °C
Tolerance	± 0.5 °C (± 1 °C at low load)
Safety protections	High and low pressure controller/anti-freezing switch/overload of pump and compressor protection/overheat protection/delayed protection



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